AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of the claims in the application:

Claim 1. (Currently Amended) A managing apparatus for managing data necessary for ~~providing~~ delivering a content, comprising:

reserving means for reserving a delivery resource for ~~each~~ the content;

automatic assigning means for automatically calculating a minimum bandwidth and transmission time necessary for delivering the content and for assigning ~~one of a~~ the calculated minimum bandwidth and transmission time as an initial value of the reserved delivery resource ~~and storage resource to a selected content~~;

storing means for storing the calculated minimum bandwidth and transmission time as the initial value of the reserved delivery resource ~~assignment information from said reserving means~~; and

transmitting means for transmitting the initial value of the reserved delivery resource ~~assignment information~~.

Claim 2. (Currently Amended) A managing apparatus for managing data necessary for ~~providing~~ delivering a content, comprising:

content list displaying means for displaying a list of contents that can be ~~provided~~ delivered;

3

reservation state displaying means for displaying a reservation ~~sate~~ state of a delivery resource;

content selecting means for selecting a content ~~to which a resource can be assigned~~ from said displayed list of contents; ~~and~~

operating means for assigning a delivery resource ~~to~~ for delivering the selected content; and

automatic assignment means for automatically calculating a minimum bandwidth and transmission time necessary for delivering the selected content and for assigning the calculated minimum bandwidth and transmission time as an initial value of the assigned delivery resource.

Claim 3. (Currently Amended) The managing apparatus as set forth in claim 1 or 2, further comprising:

transmitting. means for transmitting ~~a~~ the content ~~corresponding to a reserved~~ using the assigned initial value of the delivery resource.

Claim 4. (Currently Amended) The managing apparatus as set forth in claim 1 or 2, further comprising:

~~automatic~~ manual designating means for ~~automatically~~ manually designating a delivery resource by a user~~,~~

~~wherein an automatically designated delivery resource is operated.~~

Claim 5. (Currently Amended) The managing apparatus as set

forth in claim 1 or 2,

wherein a delivery resource is assigned corresponding to a
~~the~~ convenience of a content provider.

Claim 6. (Original) The managing apparatus as set forth in
claim 1 or 2, further comprising:

converting means for converting the format of each content
corresponding to a reserved delivery resource.

Claim 7. (Previously Presented) The managing apparatus as
set forth in claim 1 or 2,

wherein a transmission resource is reserved for each
content, the transmission resource being composed of a limited
transmission band and transmission time, and

wherein each content is transmitted corresponding to the
reserved transmission resource information.

Claim 8. (Previously Presented) The managing apparatus as
set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner
that a plurality of transmission paths is selected.

Claim 9. (Cancelled)

Claim 10. (Original) The managing apparatus as set forth in
claim 1 or 2,

wherein a reservation state can be browsed from one or more

distributed environments.

Claim 11. (Original) The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource can be reserved from one or more distributed environments.

Claim 12. (Currently Amended) A managing method for managing data necessary for ~~providing~~ delivering a content, comprising the steps of:

reserving a delivery resource for ~~each~~ the content;

calculating a minimum bandwidth and transmission time necessary for delivering the content and assigning ~~a~~ the calculated minimum bandwidth and transmission time as an initial value of the reserved delivery resource ~~to selected content for delivery~~;

storing the calculated minimum bandwidth and transmission time as the initial value of the reserved delivery resource ~~assignment information~~; and

transmitting the initial value of the reserved delivery resource ~~assignment information~~.

Claim 13. (Currently Amended) A managing method for managing data necessary for ~~providing~~ delivering a content, comprising the steps of:

displaying a list of contents that can be ~~provided~~ delivered;

displaying a reservation state of a delivery resource;

selecting a content ~~to which a delivery resource can be assigned~~ <u>from said displayed list of contents</u>; ~~and~~

assigning the delivery resource ~~to~~ <u>for delivering</u> the selected content<u>; and</u>

<u>automatically calculating a minimum bandwidth and transmission time necessary for delivering the selected content and assigning the calculated minimum bandwidth and transmission time as an initial value of the assigned delivery resource</u>.